

WHAT IS CLAIMED IS:

1. A computer based local navigation system, comprising,
a localizer;
a computer system in communication with the localizer for storing and executing
instructions for performing the following process:
displaying in at least two screens corresponding to two or more steps of a hip-
replacement procedure, at least one of the two or more screens requesting information on
location of at least one anatomical landmark for defining a predetermined anatomical feature
of a hip of a patient; and
displaying in the other of the at least two screens a position and an angle, relative to a
predetermined the feature of the hip, of a surgical tool being tracked.